

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES  
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

Claims 1-17 (Cancelled)

18. (Previously presented) The device according to claim 30, wherein the device is provided with a blowing agent input unit for supplying blowing agent to an interior of the screw piston.
19. (Previously presented ) The device according to claim 30, wherein the mixing elements are from sintered-metal or ceramic.
20. (Previously presented) The device according to claim 30 , wherein at least one of the mixing elements is constructed as a rotation-symmetrical pin.
21. (Previously presented) The device according to claim 30, wherein each of the mixing elements is provided with a means for connecting with the screw piston.
22. (Previously presented) The device according to claim 21, wherein the means for connection with the screw piston includes a threaded bore.
23. (Previously presented) The device according to claim 30, wherein at least one of the mixing elements is provided with a stepped portion.
24. (Previously presented) The device according to claim 23, wherein the stepped portion is configured for receiving a seal.

25. (Previously presented) The device according to claim 24, wherein the seal is from copper or a high heat-proof O-ring.
26. (Previously presented) The device according to claim 30, wherein the mixing elements include cylinders of varying diameters.
27. (Previously presented) The device according to claim 30, wherein the mixing elements are configured as a cone or a truncated cone.
28. (Previously presented) The device according to claim 30, wherein the mixing elements are configured with a rhomb-shaped or rectangular cross section.
29. (Previously presented) The device according to claim 30, wherein the mixing elements are configured as a straight prism or an angular prism.
30. (Currently amended) A device for an injection molding machine used in the production of foamed plastic molded parts by an injection molding method utilizing a blowing agent comprising:
  - a screw piston supported in an injection cylinder of an injection molding machine defined by a draw-in zone, a compression zone and a metering zone, wherein a diameter of the screw piston downstream following the metering zone is less than a diameter of the screw piston in the metering zone, and
  - mixing elements ~~having permeable portions~~ are extending from the screw piston circumferentially and spaced apart in the area of the reduced piston diameter, said mixing elements including end portions from a porous material which are loaded with blowing agent, wherein the end portions of the mixing elements discharge the blowing agent into a plasticizing melt in

the cylinder through the permeable porous end portions into defined locations proximate the metering zone, and wherein the end portions of the mixing elements terminate proximate a side wall of the cylinder.

31. (Cancelled)